

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050619\
 Data File : VV010681.D
 Acq On : 06 May 2019 16:38
 Operator : SY/MD
 Sample : K2634-03MSD
 Misc : 5.10G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 07 04:40:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 07 04:01:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	222310	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	213839	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94873	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33502	11.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.60%
7) Chloroethane-d5	1.58	69	27956	14.19	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.76%
10) 1,1-Dichloroethene-d2	2.13	63	72324	14.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.60%
20) 2-Butanone-d5	3.94	46	25740	30.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.12%
24) Chloroform-d	4.40	84	108888	18.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.84%
26) 1,2-Dichloroethane-d4	5.08	65	58343	17.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	70.92%
29) Benzene-d6	5.10	84	229898	20.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.00%
33) 1,2-Dichloropropane-d6	6.12	67	71131	20.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.80%
37) Toluene-d8	7.36	98	215836	20.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.08%
38) trans-1,3-Dichloropropene-	7.66	79	25644	18.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.12%
39) 2-Hexanone-d5	8.13	63	21185	35.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.10%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	51442	16.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.24%
61) 1,2-Dichlorobenzene-d4	11.67	152	80230	21.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.92%

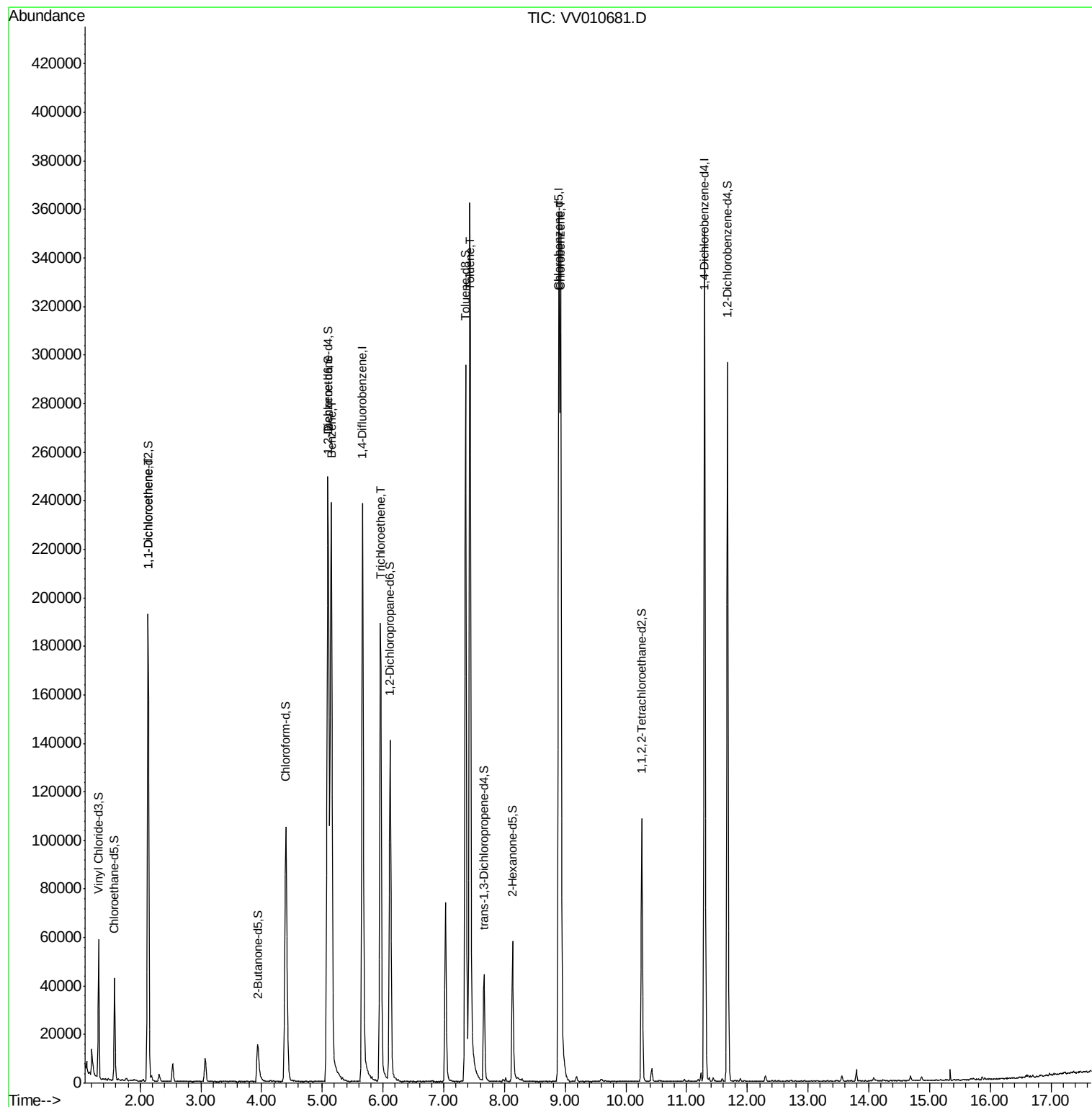
Target Compounds

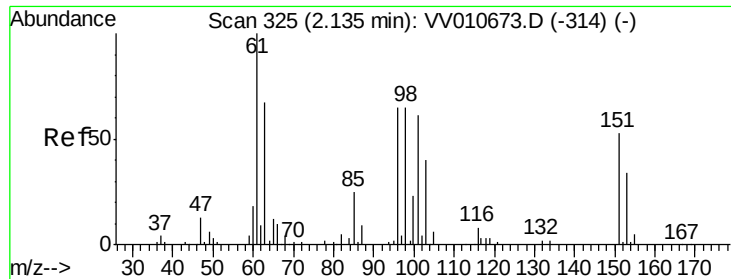
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	36925	17.289	ug/L	98
34) Benzene	5.15	78	245001	23.967	ug/L	100
35) Trichloroethene	5.96	95	67076	23.005	ug/L	99
44) Toluene	7.43	91	286870	25.427	ug/L	99
52) Chlorobenzene	8.93	112	187626	23.829	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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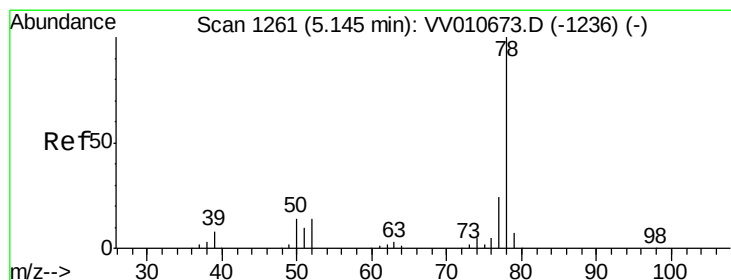
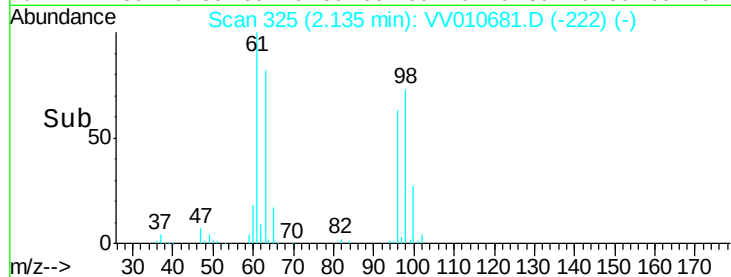
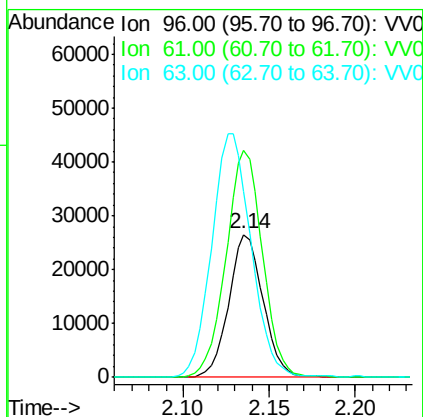
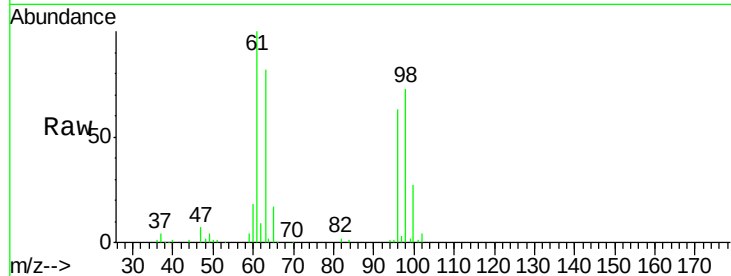
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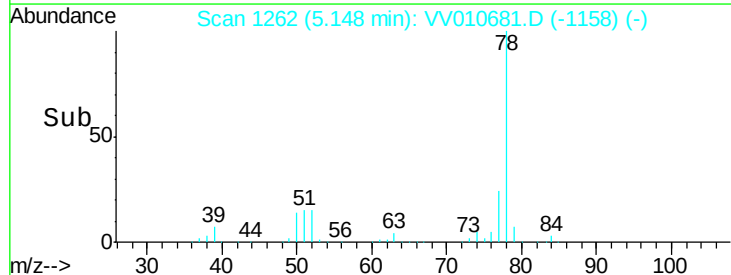
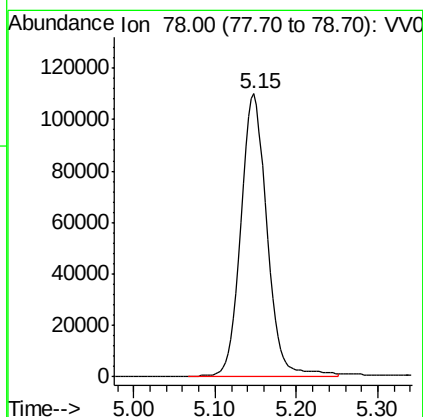
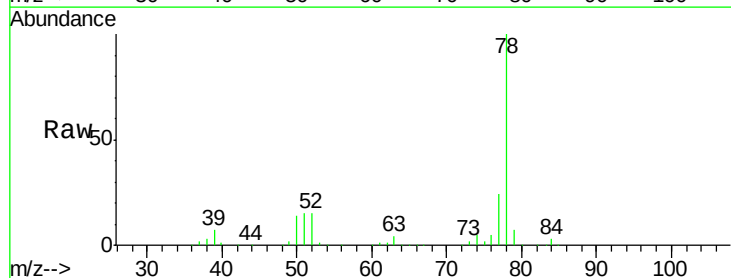
#12
 1,1-Dichloroethene
 Concen: 17.289 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. 0.00 min
 Lab File: VV010681.D
 Acq: 06 May 2019 16:38

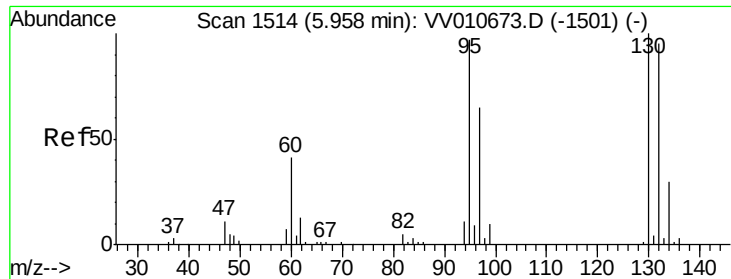
Tot Ion: 96 Resp: 36925
 Ion Ratio Lower Upper
 96 100
 61 159.6 111.1 206.3
 63 130.5 95.2 176.8



#34
 Benzene
 Concen: 23.967 ug/L
 RT: 5.15 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VV010681.D
 Acq: 06 May 2019 16:38

Tgt Ion: 78 Resp: 245001





#35

Trichloroethene

Concen: 23.005 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV010681.D

Acq: 06 May 2019 16:38

Tot Ion: 95 Resp: 67076

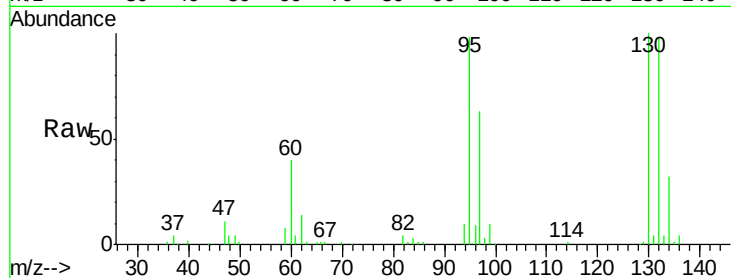
Ion Ratio Lower Upper

95 100

97 65.4 45.0 83.6

132 100.6 69.9 129.9

130 102.8 71.3 132.3

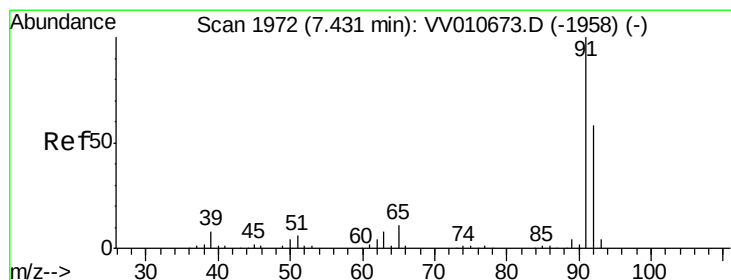
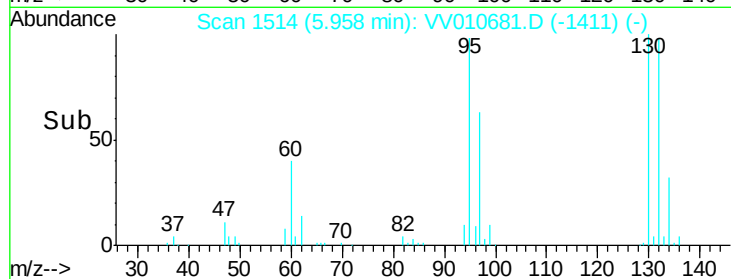
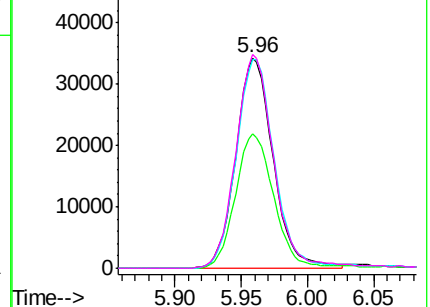


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#44

Toluene

Concen: 25.427 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV010681.D

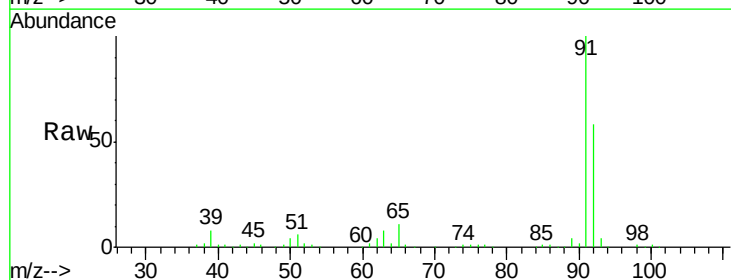
Acq: 06 May 2019 16:38

Tgt Ion: 91 Resp: 286870

Ion Ratio Lower Upper

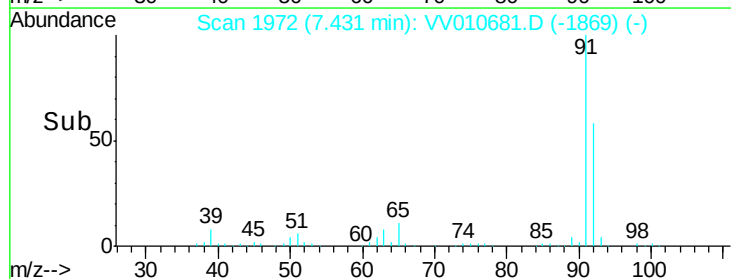
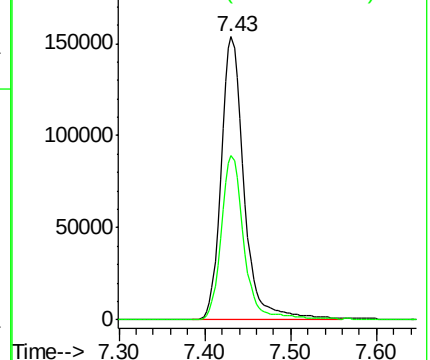
91 100

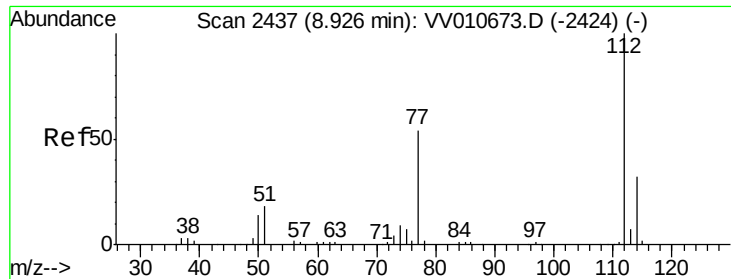
92 58.0 40.1 74.5



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0





#52

Chlorobenzene

Concen: 23.829 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. 0.00 min

Lab File: VV010681.D

Acq: 06 May 2019 16:38

Tot Ion:112 Resp: 187626

Ion Ratio Lower Upper

112 100

77 55.0 44.5 66.7

114 33.9 22.5 41.7

